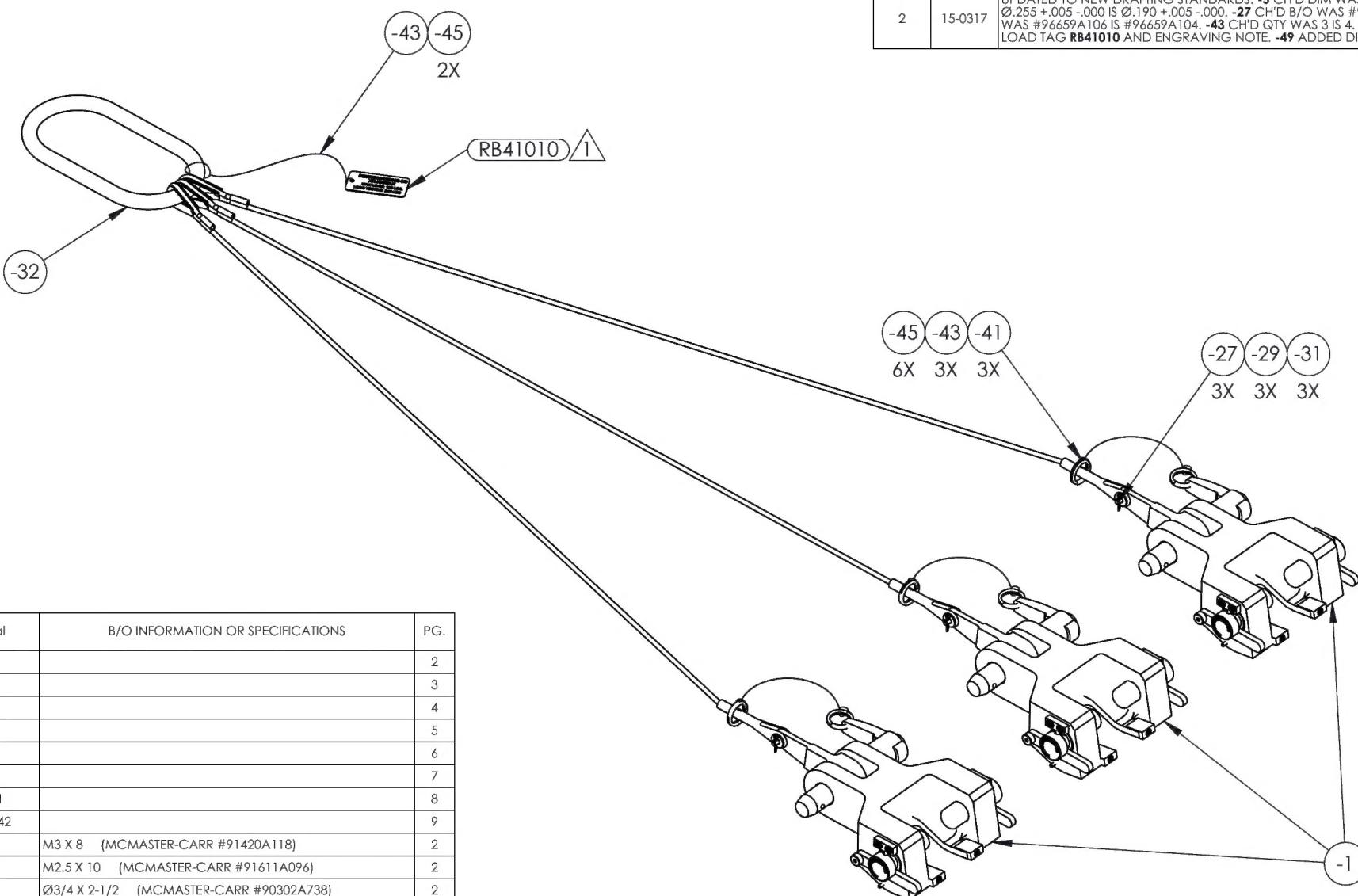


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REVISIONS			
REV	ECR	DESCRIPTION	DATE
INITIAL	APPROVED		
1		CH'D TITLE BLOCK WAS RED BARN IS DART. -3 CH'D DIM WAS 1.772 IS 1.772±.001. -9 ADDED MISSING DIM .217. -11 CH'D DIM WAS 2X Ø.154 THRU ALL ✓ Ø.295 X 90° IS 2X Ø.154 THRU ALL ✓ Ø.30 X 90°. ADDED MISSING DIM .217. -13 ADDED MISSING DIM .303. -15 CH'D DIM WAS 2X R.20 IS 2X R.19, ADDED HEAT TREAT 28-32 RC. -27 CH'D MATL WAS STEEL IS S.S., CH'D B/O INFO WAS #98306A156 IS #92390A156. -29 CH'D MATL WAS STEEL IS S.S., CH'D B/O INFO WAS #91083A029 IS #96659A106. -31 CH'D MATL WAS STEEL IS S.S., CH'D B/O INFO WAS #98338A100 IS #98401A409. -32 ADDED ASSY & DRAWING. -37 CH'D MATL WAS STEEL IS S.S., CH'D B/O INFO WAS REID SUPPLY #ACC-535 IS Ø1/2 MASTER LINK EUGENE EQUIPMENT. -41 CH'D MATL WAS STEEL IS S.S., CH'D B/O INFO WAS #90177A215 IS #90990A210. -53 CH'D PLACARD WAS RED BARN IS DART.	6/30/2014
2	15-0317	UPDATED TO NEW DRAFTING STANDARDS. -5 CH'D DIM WAS 2X Ø.905 IS Ø.905. -15 CH'D DIM WAS Ø.255+.005-.000 IS Ø.190+.005-.000. -27 CH'D B/O WAS #92390A156 IS #92390A105. -29 CH'D B/O WAS #96659A106 IS #96659A104. -43 CH'D QTY WAS 3 IS 4. -45 CH'D QTY WAS 6 IS 8. ADDED MAX LOAD TAG RB41010 AND ENGRAVING NOTE. -49 ADDED DIMS 2X .25, 2X 2.00.	10/1/2015

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
X			-1	3	LIFTING CLEVIS ASSY			2
1			-3		LIFTING CLEVIS	6061		3
2			-5		LOCK PIN	6061		4
2			-7		SWING LATCH	6061		5
1			-9		RH RETAINER KEY	6061		6
1			-11		LH RETAINER KEY	6061		7
2			-13		WEAR PAD	NYLON		8
1			-15		CLEVIS LINK	4140/4142		9
6	B/O	-17			SCREW	STEEL	M3 X 8 (MCMASTER-CARR #91420A118)	2
2	B/O	-19			SPRING PIN	STEEL	M2.5 X 10 (MCMASTER-CARR #91611A096)	2
1	B/O	-21			BALL LOCK PIN	S.S.	Ø3/4 X 2-1/2 (MCMASTER-CARR #90302A738)	2
2	B/O	-23			SOCKET HEAD CAP SCREW	S.S.	M5 X 5 (MSC #01672484)	2
3	B/O	-25			CLEVIS FITTING	S.S.	Ø1/8 WIRE, Ø3/16 PIN HOLE (MCMASTER-CARR #3865T14)	10
B/O	-27	3			CLEVIS PIN	S.S.	Ø3/16 X 5/8 (MCMASTER-CARR #92390A105)	1
B/O	-29	3			WASHER	S.S.	#10 (MCMASTER-CARR #96659A104)	1
B/O	-31	3			COTTER PIN	S.S.	Ø1/16 X 1/2 (MCMASTER-CARR #98401A409)	1
X			-32	1	CABLE ASSEMBLY		(EUGENE EQUIPMENT)	10
3	B/O	-33			WIRE ROPE	S.S.	7 x 19, Ø1/8 X 39 (MCMASTER-CARR #3453T52)	10
3	B/O	-35			CABLE THIMBLE	S.S.	(ESSENTRA COMPONENTS #CBL-515)	10
1	B/O	-37			OBLONG MASTER LINK	S.S.	Ø1/2 MASTER LINK (EUGENE EQUIPMENT)	10
3	B/O	-39			SLEEVE	S.S.	Ø1/8 (MCMASTER-CARR #3755T15)	10
B/O	-41	3			SPLIT RING	S.S.	Ø11/16 (MCMASTER-CARR #90990A210)	1
B/O	-43	4			LANYARD WIRE	STEEL	Ø1/16 X 16 (CARR LANE #CL2C)	1
B/O	-45	8			FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMASTER-CARR #3896T31)	1
B/O	-47	1			BOTTOM TOOL CUSHION	Y-20, BLACK	5.80 X 11.26 X 20.12 (I.R. SPECIALTIES)	11
B/O	-49	1			TOP TOOL CUSHION	C200 FLAT, BLACK	1.79 X 11.26 X 20.12 (I.R. SPECIALTIES)	12
B/O	-51	1			CASE	PLASTIC	(PELICAN #APP-1510-E)	NS
B/O		1			DART PLACARD	ALUMINUM	RB41011	NS
		1			MAX LOAD TAG	ALUMINUM	RB41010	1
ASSY -32	ASSY -1							

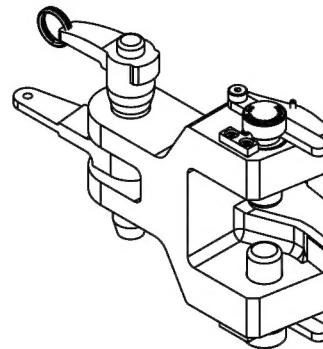
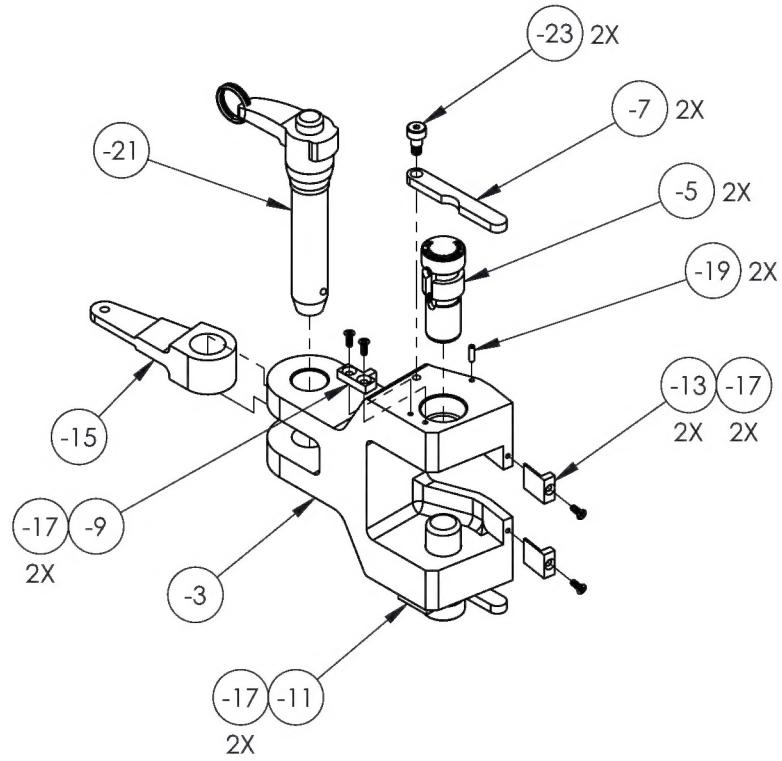


NOTE:
 1 ENGRAVE T/N, S/N, "MAX LOAD: 125 LBS.",
 "LOAD TESTED: 245 LBS.".

TITLE		DART AEROSPACE	
DWG NO.		SWASHPLATE LIFT SLING	
REV		2	
MAT'L		DRAWN BY: GILBERT	
UNLESS OTHERWISE SPECIFIED		APPROVED D. Weil	
DIMENSIONS ARE IN INCHES		HEAT TREAT	
.XXX ± .005		FRACTIONS ± 1/8	
.XX ± .01		ANGLES ± 5°	
.X ± .1		FINISH	
1. BREAK ALL SHARP EDGES .015 X 45° OR .015R		SPEC	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL	
		AW139	
SCALE	1:5	DATE	11/10/2011
SHEET 1 OF 13			

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
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(1)

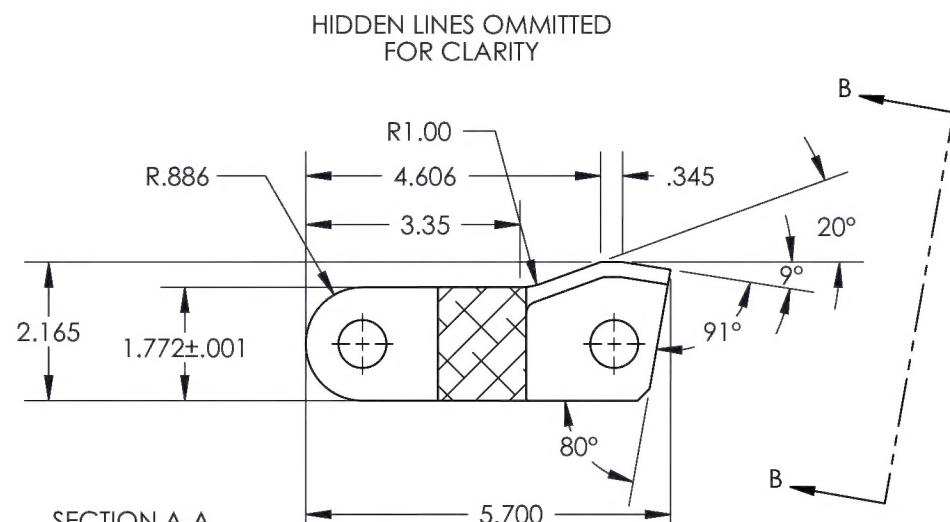
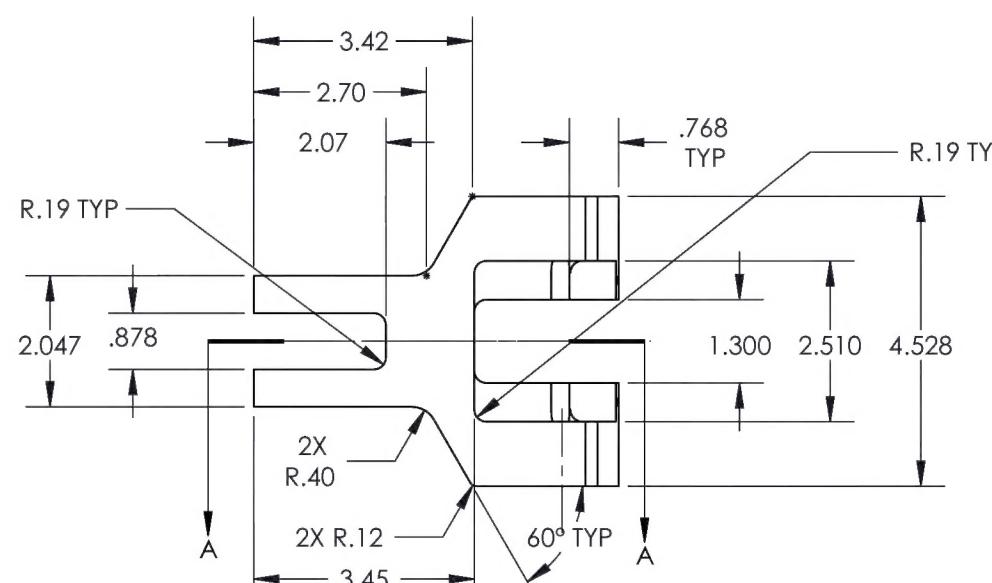
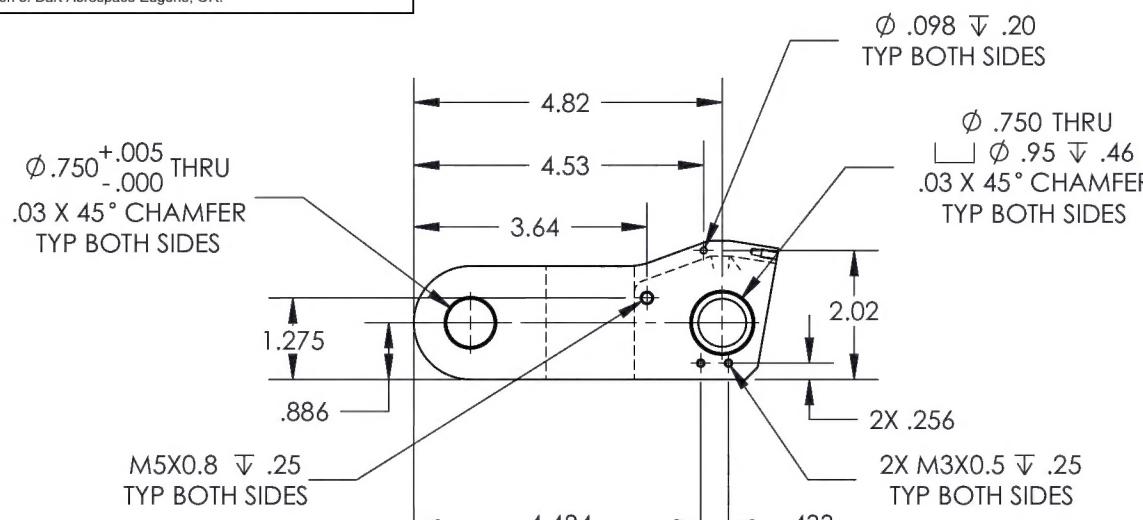
LIFTING CLEVIS ASSY

DART AEROSPACE	
TITLE	
SWASHPLATE LIFT SLING	
DWG NO.	REV
RBW6205G06032-1	2
MAT'L	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
AW139	
SCALE	1:4
DATE	11/10/2011
SHEET 2 OF 13	

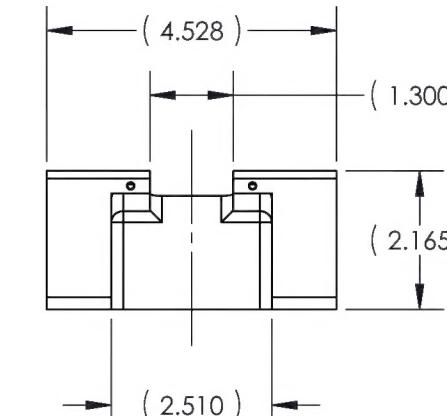
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REVISIONS

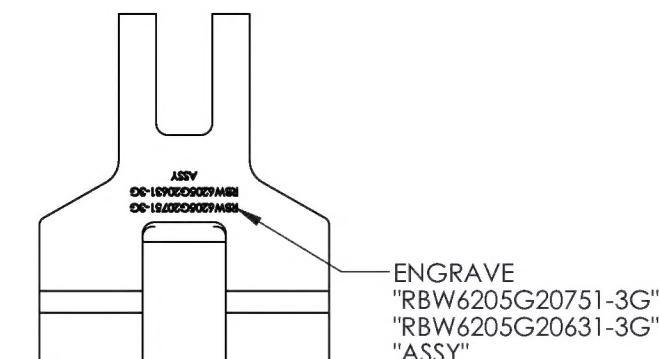
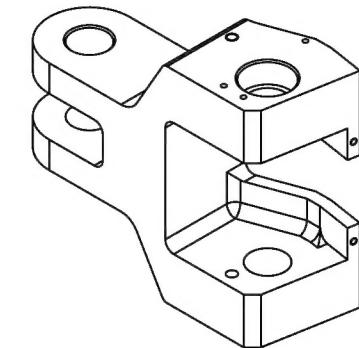
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-3 CH'D DIMWAS 1.772 IS 1.772±.001.	6/30/2014	DPD	GE



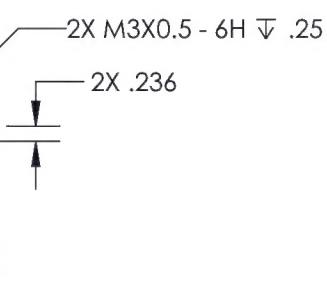
(3)
LIFTING CLEVIS



HIDDEN LINES OMMITED FOR CLARITY



HIDDEN LINES OMMITED FOR CLARITY



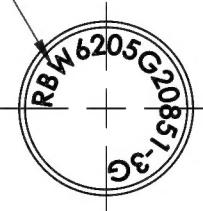
VIEW B-B
VIEW ROTATED 10° & HIDDEN LINES OMMITED FOR CLARITY

DART	
AEROSPACE	
TITLE	
DWG NO.	RBW6205G06032-3G-3
MAT'L	6061
DRAWN BY:	Sean E
APPROVED:	D. Weil
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 X 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
HEAT TREAT	
FINISH	CLEAR ANODIZE
SPEC	MIL-A-8625F TYPE II, CLASS I
USED ON MODEL	
	AW139
SCALE	1:3
DATE	11/12/2010
SHEET	3 OF 13

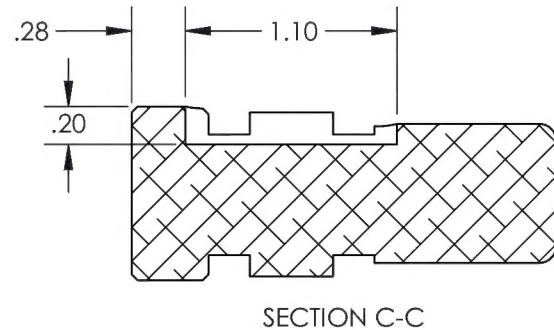
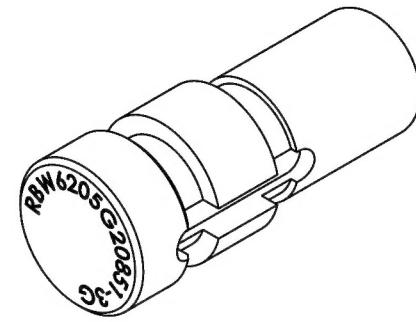
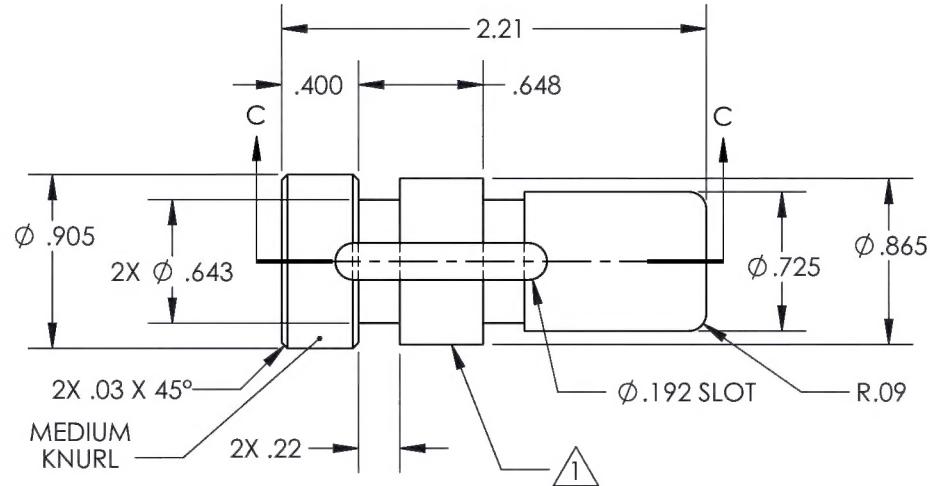
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REV				ECR				DESCRIPTION				REVISIONS
REV	ECR	DESCRIPTION		DATE		INITIAL	APPROVED					
2	15-0317	-5 CH'D DIM WAS 2X Ø.905 IS Ø.905.		10/1/2015		DPD	JAG					

ENgrave AS SHOWN



HIDDEN LINES OMITTED FOR CLARITY



SECTION C-C

(-5)

LOCK PIN

NOTE:

1 AFTER ANODIZE, PAINT THIS Ø EPOXY RED.

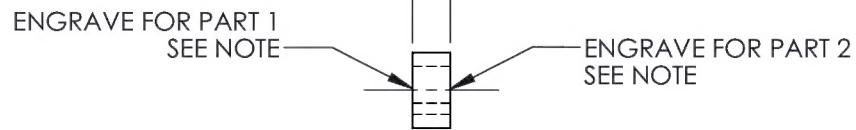
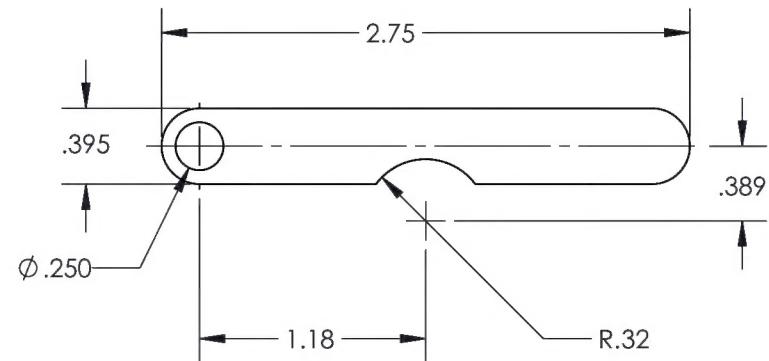
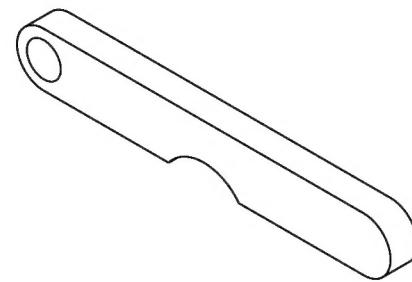


TITLE
SWASHPLATE LIFT SLING

DWG NO.	RBW6205G06032-3G-5	REV
MAT'L	6061	DRAWN BY: Sean E
		APPROVED <i>D Weil</i>
UNLESS OTHERWISE SPECIFIED	FRACTIONS $\pm .005$	HEAT TREAT
DIMENSIONS ARE IN INCHES	ANGLES $\pm .5^\circ$	FINISH CLEAR ANODIZE
.XXX $\pm .005$		SPEC MIL-A-8625, TYPE II, CLASS I
.XX $\pm .01$		USED ON MODEL
.X $\pm .1$		AW139
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
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NOTE:
QTY 2 PARTS REQUIRED PER ASSY, ENGRAVE
RBW6205G21251-3G AS SHOWN

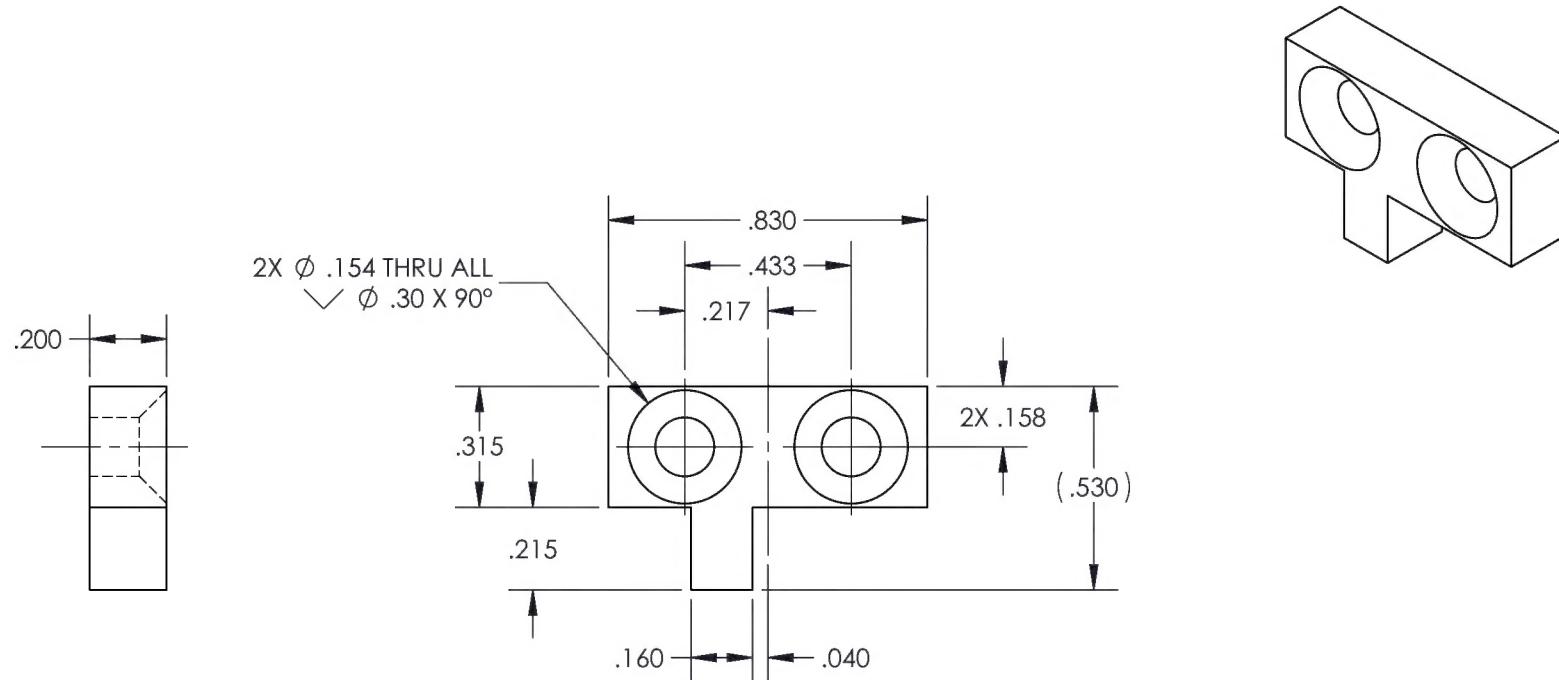
(-7)

SWING LATCH

DART AEROSPACE	
TITLE	SWASHPLATE LIFT SLING
DWG NO.	RBW6205G06032-3G-7
MAT'L	6061
DRAWN BY:	Sean E
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	FINISH
	CLEAR ANODIZE
SPEC	MIL-A-8625, TYPE II, CLASS I
	USED ON MODEL
	AW139
SCALE	1:1
DATE	11/15/2010
SHEET 5 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-9 ADDED MISSING DIM .217.	6/30/2014	DPD	GE

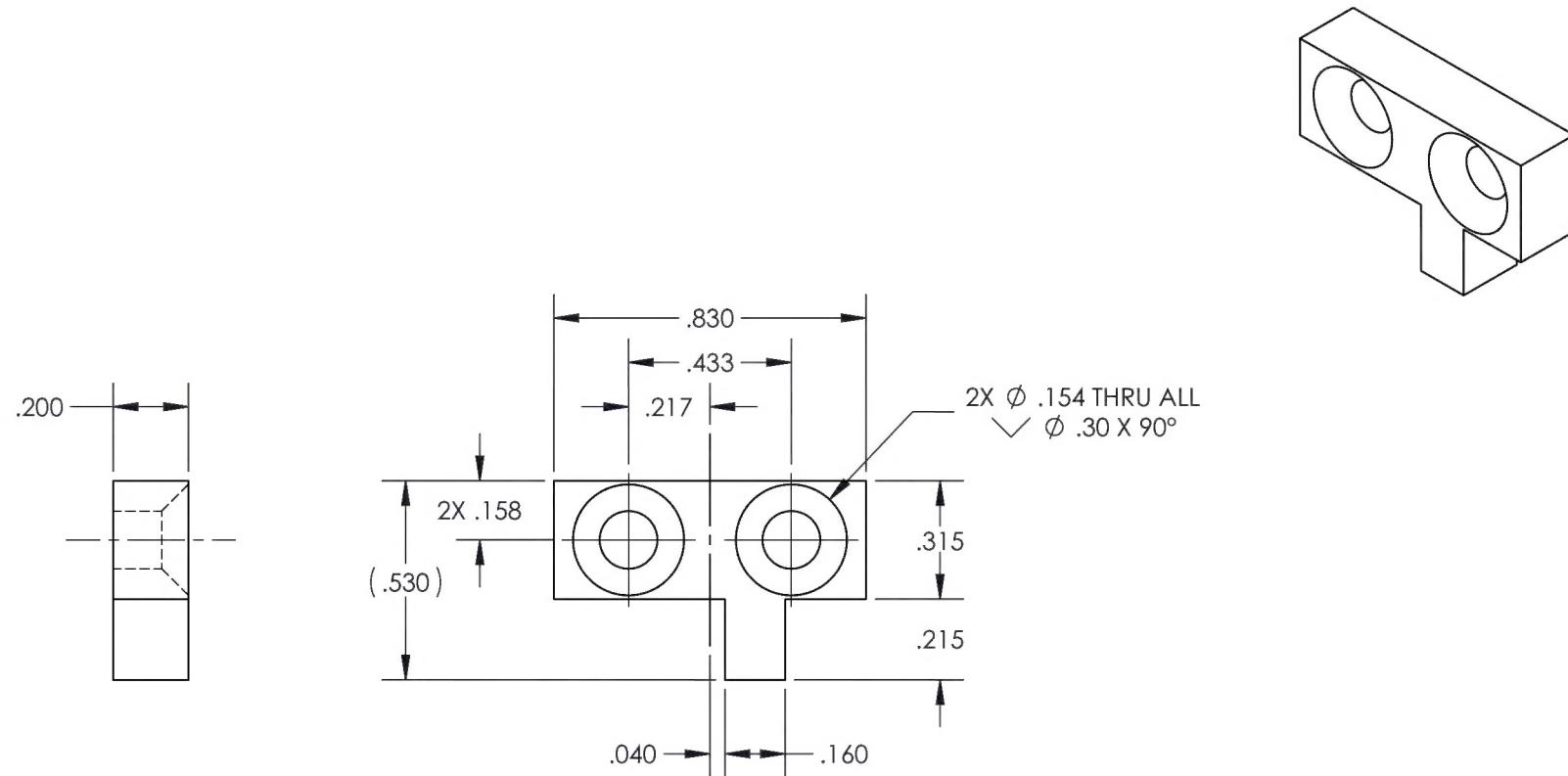


(-9)
RH RETAINER KEY

DART AEROSPACE	
TITLE SWASHPLATE LIFTING SLING	
DWG NO.	RBW6205G06032-3G-9
MAT'L	6061
DRAWN BY:	Sean E
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	FINISH
	CLEAR ANODIZE
SPEC MIL-A-8625, TYPE II, CLASS I	USED ON MODEL
	AW139
SCALE 2:1	DATE 11/15/2010
	SHEET 6 OF 13

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-11 CH'D DIM WAS 2X Ø.154 THRU ALL ✓ Ø.295 X 90° IS 2X Ø.154 THRU ALL ✓ Ø.30 X 90°, ADDED MISSING DIM .217.	6/30/2014	DPD	GE



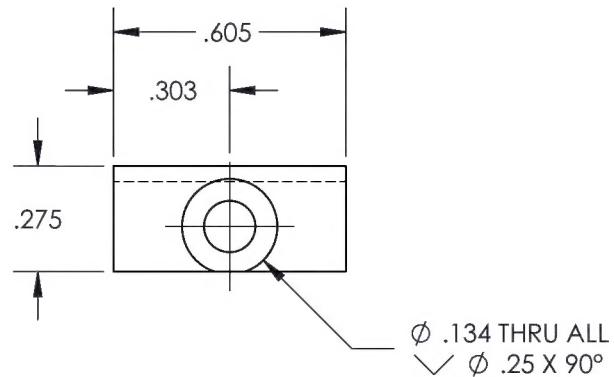
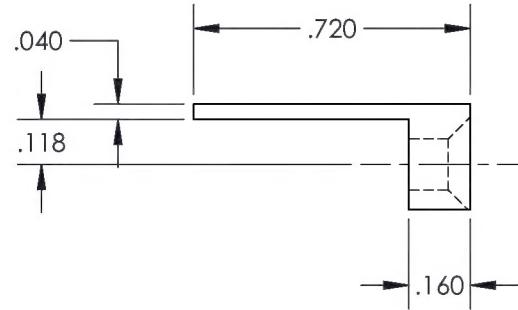
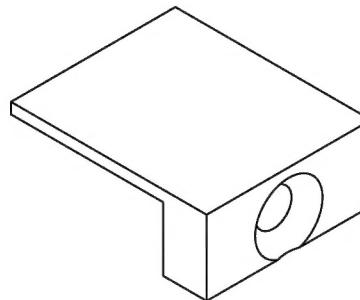
-11

LH RETAINER KEY

DART AEROSPACE	
TITLE	
DWG NO.	REV 2
RBW6205G06032-3G-11	
MAT'L 6061	DRAWN BY: Sean E
UNLESS OTHERWISE SPECIFIED	APPROVED D Weil
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	FINISH CLEAR ANODIZE
	SPEC MIL-A-8625, TYPE II, CLASS I
	USED ON MODEL AW139
SCALE 2:1	DATE 11/15/2010
	SHEET 7 OF 13

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-13 ADDED MISSING DIM .303.	6/30/2014	DPD	GE



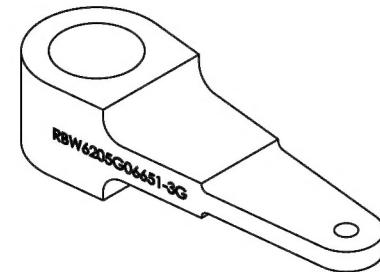
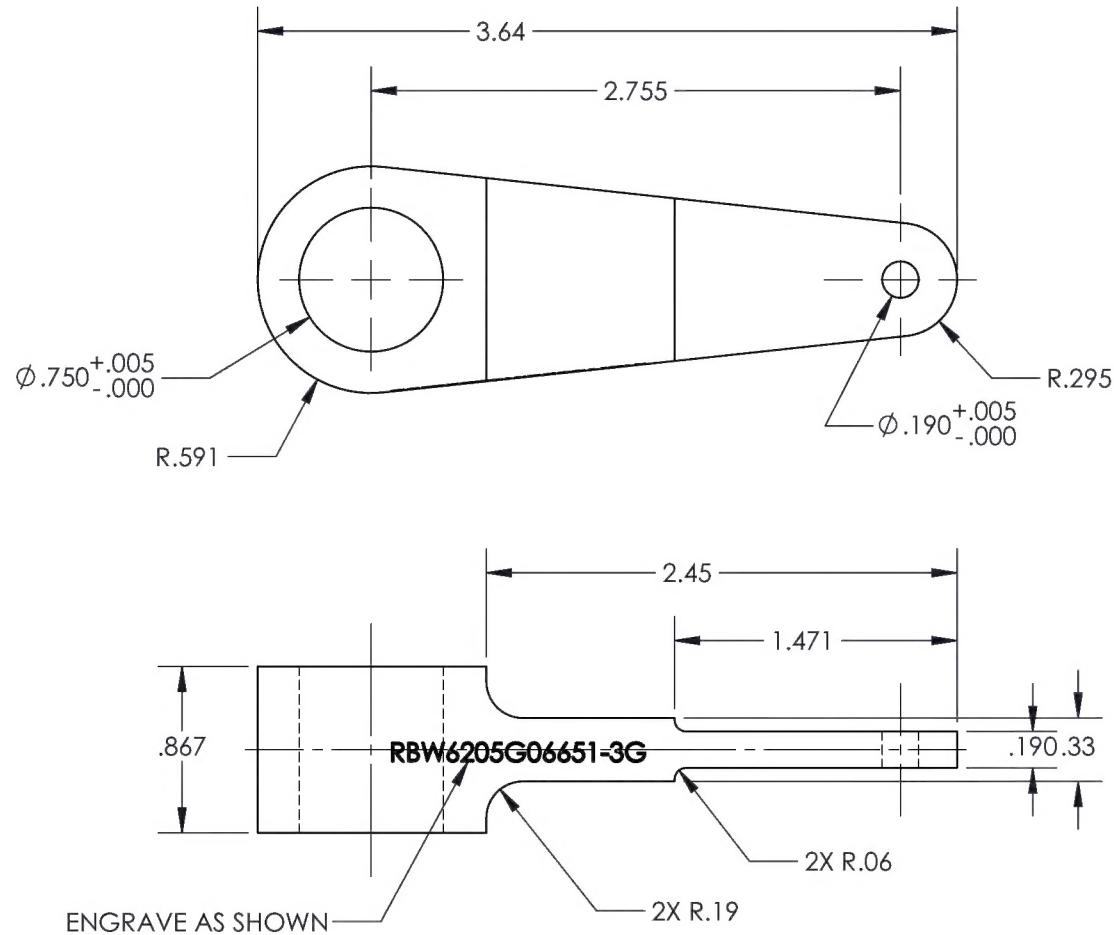
-13

WEAR PAD

DART AEROSPACE			
TITLE			
SWASHPLATE LIFT SLING			
DWG NO.	REV		
RBW6205G06032-3G-13	2		
MAT'L	NYLON	DRAWN BY:	Sean E
UNLESS OTHERWISE SPECIFIED		APPROVED	<i>D Weil</i>
DIMENSIONS ARE IN INCHES		HEAT	
.XXX ± .005		TREAT	
.XX ± .01		FINISH	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45°		USED ON MODEL	
OR .015R		AW139	
2. DIMENSIONAL LIMITS APPLY AFTER			
PLATING			
SCALE	2:1	DATE	11/15/2010
SHEET 8 OF 13			

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-15 CH'D DIM WAS 2X R.20 IS 2X R.19, ADDED HEAT TREAT 28-32 RC.	6/30/2014	DPD	GE
2	15-0317	-15 CH'D DIM WAS $\phi.255^{+.005}_{-.000}$ IS $\phi.190^{+.005}_{-.000}$.	10/5/2015	DPD	JAG



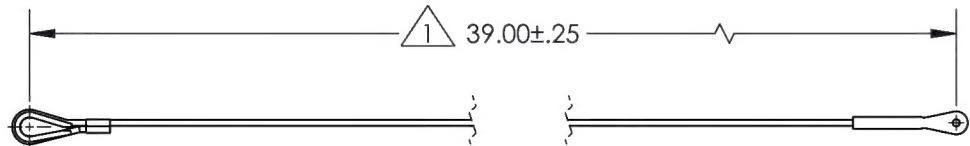
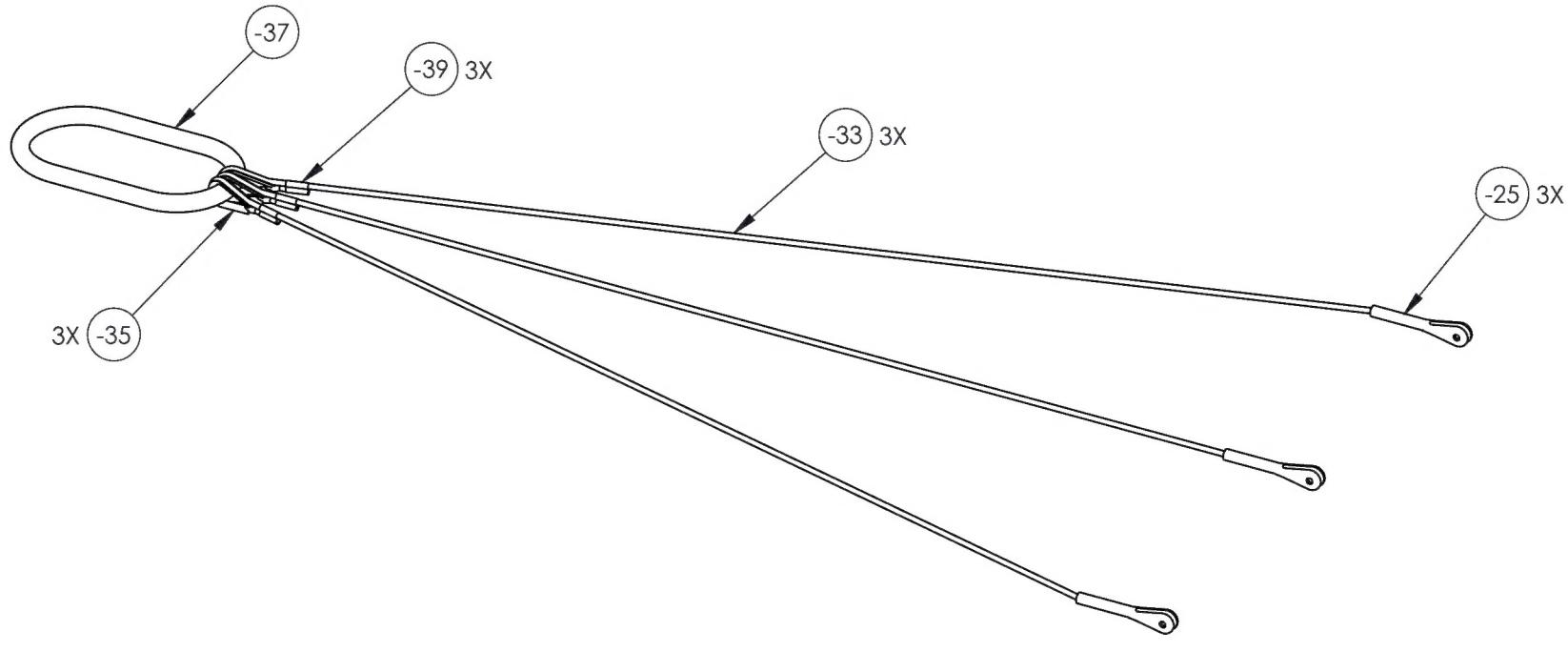
CLEVIS LINK

(-15)

DART	
AEROSPACE	
TITLE	
SWASHPLATE LIFTING SLING	
DWG NO. RBW6205G06032-3G-15 REV 2	
MAT'L 4140/4142 DRAWN BY: Sean E	
APPROVED D. Weil	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
HEAT TREAT 28-32 RC	
FINISH NICKEL PLATE	
SPEC MIL-P-6859	
USED ON MODEL AW139	
SCALE 1:1	DATE 11/15/2010
SHEET 9 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-32 ADDED ASSY & DRAWING.	6/30/2014	DPD	GE



-32

CABLE ASSEMBLY

NOTE:

1 ASSEMBLED CABLE LENGTH OF 39.0 in CENTER OF CLEVIS PIN TO CENTER OF CABLE THIMBLE.

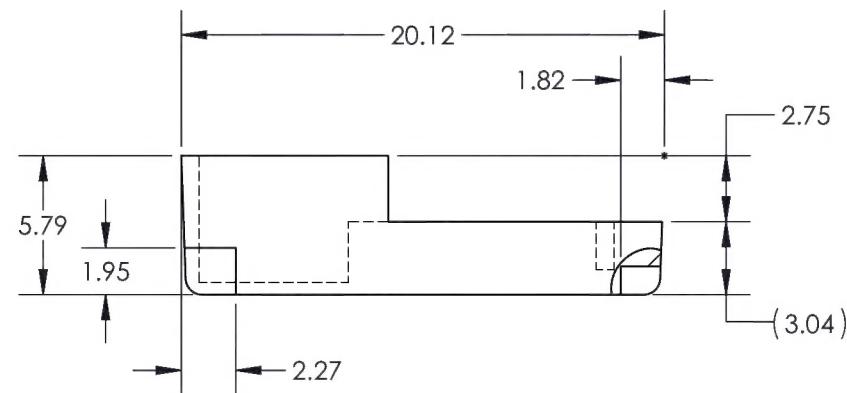
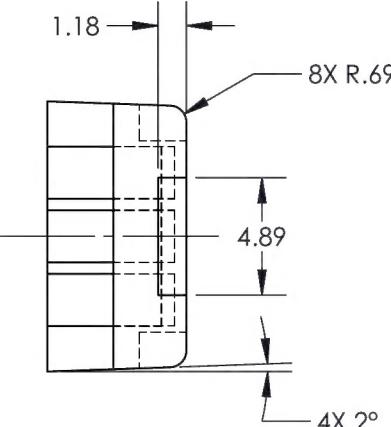
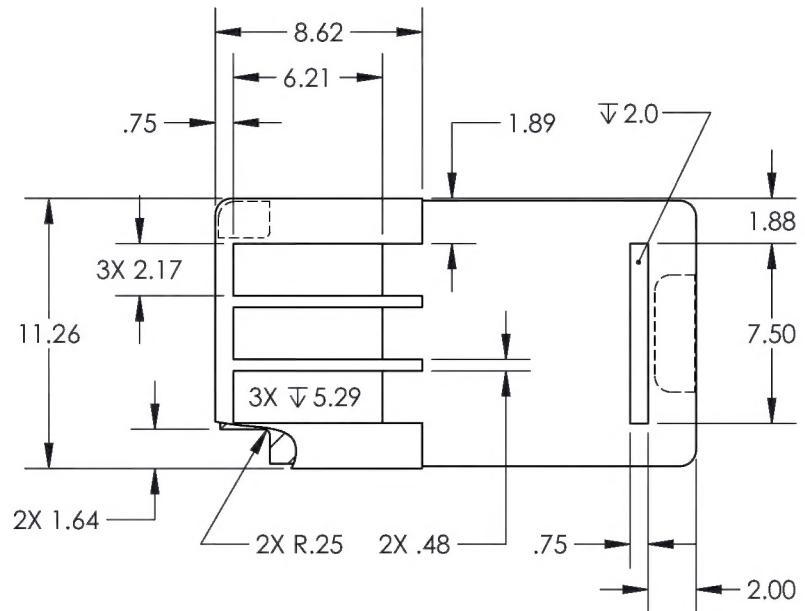


SWASHPLATE LIFT SLING

DWG NO.	RBW6205G06032-3G-32	REV 2
MAT'L	DRAWN BY: DUERFELDT	APPROVED <i>D Weil</i>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
.XXX ± .005	FRACTIONS ± 1/8	
.XX ± .01	ANGLES ± 5°	
.X ± .1		
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		AW139
SCALE 1:5	DATE 6/27/2014	SHEET 10 OF 13

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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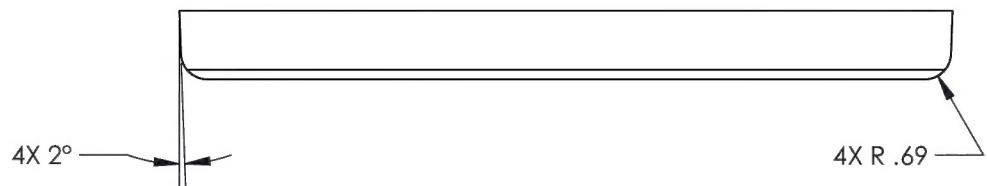
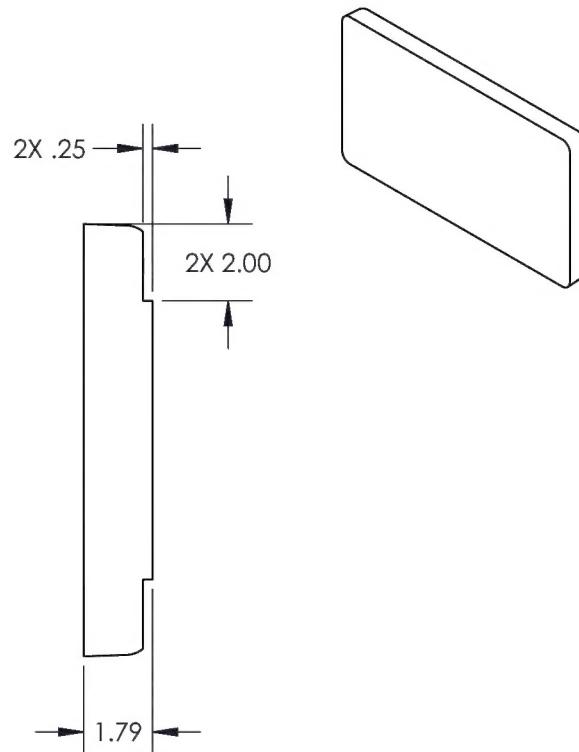
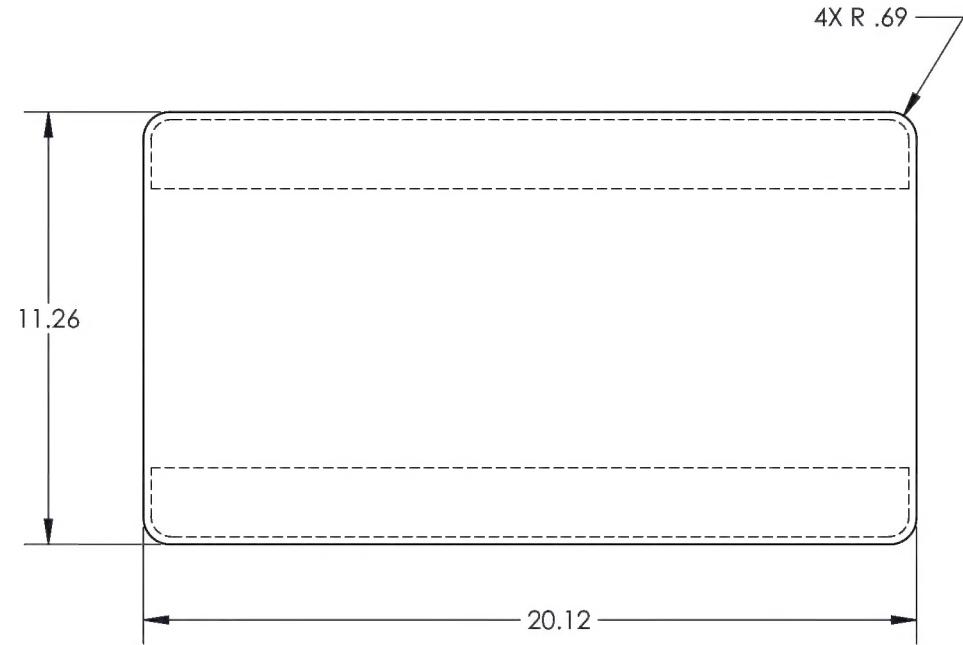
BOTTOM TOOL CUSHION

(-47)

DART AEROSPACE	
TITLE	
DWG NO. RBW6205G06032-3G-47	
REV 2	DRAWN BY: GILBERT
MAT'L Y-20, BLACK	APPROVED D Weil
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
USED ON MODEL	
AW139	
SCALE 1:8	DATE 11/11/2011
SHEET 11 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	15-0317	-49 ADDED DIMS 2X .25, 2X 2.00.	10/1/2015	DPD	JAG



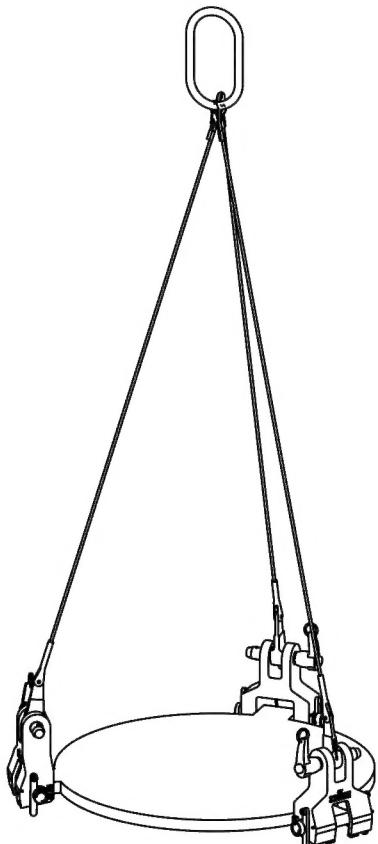
-49

TOP TOOL CUSHION

DART AEROSPACE	
TITLE	
DWG NO.	RBW6205G06032-3G-49
MAT'L	C200 FLAT, BLACK
DRAWN BY:	GILBERT
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED	DIMENSIONS ARE IN INCHES
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT FINISH
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC
	USED ON MODEL
	AW139
SCALE	1:5
DATE	11/11/2011
SHEET 12 OF 13	

INSPECTION & TESTING PROCEDURES FOR THE RBW6205G06032-3G SWASHPLATE LIFT SLING. THIS ASSEMBLY IS DESIGNED TO LIFT A SWASHPLATE. THIS ASSEMBLY SHOULD BE INSPECTED BEFORE EACH USE. REPLACE ANY ITEMS THAT ARE DAMAGED OR SUSPECTED OF DAMAGE BEFORE USING!

FIRST ARTICLE WEIGHT TEST



FIRST ARTICLE WEIGHT TEST

1. AFTER INSPECTION, ATTACH 3 SWASHPLATE LIFTING CLEVIS ASSEMBLIES TO AN APPROPRIATE FIXTURE, USE BALL LOCK PINS TO LOCK INTO FIXTURE. ATTACH MASTER LINK TO AN APPROPRIATE LIFTING DEVICE.
2. PLACE 245 LBS ON FIXTURE FOR AT LEAST 5 MINUTES, CONTINUALLY CHECKING FOR CRACKS, DEFLECTION, OR DISTORTION.
3. REMOVE WEIGHT AND RE-INSPECT SWASHPLATE LIFT SLING, CHECKING FOR STRESS CRACKS, BENDING, OR DISTORTIONS.

INSPECTOR: _____

TESTER: _____

S.N.: _____

DATE: _____

DART AEROSPACE	
190 S. Danebo Ave., Eugene, OR. 97402	
1-800-556-4166	
e-mail: sales@dartaero.com	
dartaerospace.com	
TITLE	
SWASHPLATE LIFT SLING	
DWG NO.	REV
RBW6205G06032-3G	2
SCALE	CUSTOMER 1 OF 1
1:8	11/10/2011
SHEET	13 OF 13